



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
SUPERFUND SITE STRATEGY RECOMMENDATION - REGION 06**

Site Name: Hope Iron & Metal

CERCLIS ID#: ARN000607050

Alias Site Names: _____

Address: 812 N. Main Street

City/County or Parish/State/Zip Code: Hope, Hempstead County, AR 71801

Report Type, Date, and Author: Site Inspection (SI), September 2012, ADEQ



690813

RECOMMENDATION

☐ 1. No Further Remedial Action Planned
under Superfund (NFRAP)

☒ 2. Further Investigation Needed Under Superfund

☐ PA ☐ HRS Priority: ☐ High
☐ SSI ☐ RA ☐ Medium
☒ ESI ☐ RI/FS ☒ Low

☐ Other: _____

To be performed by: ADEQ

☐ 3. Action Deferred to:

☐ RCRA ☐ NRC

NOTIFY AUTHORITY:

☐ Removal

☐ RCRA

☐ TSCA

☐ CAA

☐ SMCRA

☐ Remedial

☐ State

☐ NPDES

☐ NRC

☐ Resource Trustee: _____

☐ CERCLA Enforcement ☐ Federal Facility ☐ UIC

☐ SPCC

☐ Other: _____

SEND SSSR COPIES TO: ☒ 6SF-AC ☐ 6WQ-SP

☐ ATSDR

☒ State Agency

☐ Other

DISCUSSION:

The Site Inspection report for the Hope Iron & Metal site prepared by the Arkansas Department of Environment Quality (ADEQ) was reviewed. The site was used for metal salvage yard operations, which included storing and draining of PCB-containing transformers and electrical equipment. The oil contained in the transformers was drained onto the ground, and the drained oil and copper wires were burned on site. The site was also engaged in distribution of automobile scraps, industrial scraps, and other recyclable materials.

Storm water runoff flowing over potential soil contamination areas, and into drainage ditches provide the potential for surface water migration and contamination. There are no schools or daycare centers located within 200 feet of the site. However, the site is located in a mixed residential and commercial zone in a populated area inside the city limits. Access to the site is also not restricted with a fence.

Chemical analyses of surface soil samples collected on-site, and sediment samples taken from site ditches showed the presence of metals, SVOCs, and pesticides indicating a release of contamination through the surface water pathway.

Further investigation is necessary at the site to address the potential endangerment to public health and the environment. It is recommended that an Expanded Site Inspection (ESI) be conducted to collect additional information required to make the final site disposition. The ESI should focus on the extent of contamination and possible migration of contamination downstream, and by overland flow to residential areas.

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CERCLIS ID #: ARN000607050

APPROVALS:

Report Reviewed by: Philip Ofosu
(Site Assessment Manager 6SF-TR)

Signature: 

Date: Sep/10/13

Disposition Approved by: Chris Villarreal
(Section Chief 6SF-TR)

Signature: 

Date: 9/10/13